

AMENDMENT OF CLAIMS

(Claim 1, Currently amended)

1. In a coaxial connector comprising:
a contact whose one end has a signal terminal that comes into contact with a conductive pad on a circuit board and is electrically connected with a contact of a corresponding connector,
an insulator that holds said contact, and
a metallic shell that contains said insulator and has ground terminals,
said coaxial connector being characterized in that:
at least three ground terminals that ~~ground land~~ on ground pads ~~installed~~ mounted
on said circuit board are arranged around a circle centered on said shell, said ground terminals
having outward ends that extend outwardly from the shell further than said signal terminal, and
said signal terminal being placed in a position within imaginary lines defined by
the outward ends of said ground terminals ~~have obtusely beveled or rounded corners.~~

(Claim 2, Currently amended)

2. In a coaxial connector comprising:
a contact whose one end has a signal terminal that comes into contact with a conductive pad on a circuit board and is electrically connected with a contact of a corresponding connector,
an insulator that holds said contact, and
a metallic shell that contains said insulator and has ground terminals,
said coaxial connector being characterized in that:
said metallic shell is shaped cylindrically with a circular bottom end and the
bottom end of said shell is a ground terminal to be connected to and grounded with a ground pad
of the circuit board and is provided with cuts with certain intervals in between whose depth in the
bottom end of the shell is designed to be approximately the same thickness as tin to be soldered
therein.

(Claim 3, Currently amended)

3. In a coaxial connector mentioned in Claim 1, said coaxial connector being characterized in that said contact has a substantially U shaped contact section that electrically connects with a contact of a corresponding connector and a terminal section that extends across ~~a the~~ central bottom end of said contact section, an end of said terminal section opposite to said signal terminal is a terminal plunge-in part that is plunged into an insert cavity formed in said insulator and said terminal plunge-in part can be plunged in substantially perpendicularly to the inner surface of said insulator.

[Claim 4, Original]

4. In the coaxial connector mentioned in Claim 3, a coaxial connector being characterized in that said terminal section is flat and whose bottom surface can be attached to said circuit board without any gap.

[Claim 5, Currently amended]

5. In a coaxial connector that has a contact with a terminal section that horizontally extends across ~~a the~~ central bottom end of a substantially U shaped contact section that comes into contact with and is electrically connected with a contact of a corresponding connector, an insulator that holds said contact, and a metallic shell that contains said insulator and has ground terminals, said coaxial connector being characterized in that said terminal section has such length that the terminal section can be stored within said insulator and has said signal terminal that is formed on the bottom section of said terminal section below said contact section near the center of said insulator in order to be connected with a conductive pad on a circuit board.

[Claim 6, Previously presented]

6. In a ground pad on which a coaxial connector mentioned in Claim 1 is mounted, a ground pad being characterized in that a ground pad that is formed on said circuit board is substantially square shaped or U shaped.

[Claim 7, Original]

7. In the ground pad mentioned in Claim 6 on which a coaxial connector is mounted, a ground pad being characterized in that at least the corners on the outer perimeter of said ground

pad are obtusely beveled or rounded.

[Claim 8, Previously presented]

8. In the coaxial connector mentioned in Claim 2, said coaxial connector being characterized in that said contact has a substantially U shaped contact section that electrically connects with a contact of a corresponding connector and an terminal section that extends across the central bottom end of said contact section, an end of said terminal section opposite to said signal terminal is a terminal plunge-in part that is plunged into an insert cavity formed in said insulator and said terminal plunge-in part can be plunged in substantially perpendicularly to the inner surface of said insulator.

[Claim 9, Previously presented]

9. In a ground pad on which a coaxial connector mentioned in Claim 2 is mounted, a ground pad being characterized in that a ground pad that is formed on said circuit board is substantially square shaped or U shaped.

[Claim 10, Previously presented]

10. In a ground pad on which a coaxial connector mentioned in Claim 5 is mounted, a ground pad being characterized in that a ground pad that is formed on said circuit board is substantially square shaped or U shaped.

[Claim 11, New]

11. In a ground pad on which a coaxial connector mentioned in Claim 2 is mounted, a ground pad being characterized in that a ground pad that is formed on said circuit board is substantially square shaped or U shaped.

[Claim 12, New]

12. In a ground pad on which a coaxial connector mentioned in Claim 5 is mounted, a ground pad being characterized in that a ground pad that is formed on said circuit board is substantially square shaped or U shaped.

[Claim 13, New]

13. In the ground pad mentioned in Claim 11 on which a coaxial connector is mounted, a ground pad being characterized in that at least the corners on the outer perimeter of said ground pad are obtusely beveled or rounded.

[Claim 14, New]

14. In the ground pad mentioned in Claim 12 on which a coaxial connector is mounted, a ground pad being characterized in that at least the corners on the outer perimeter of said ground pad are obtusely beveled or rounded.